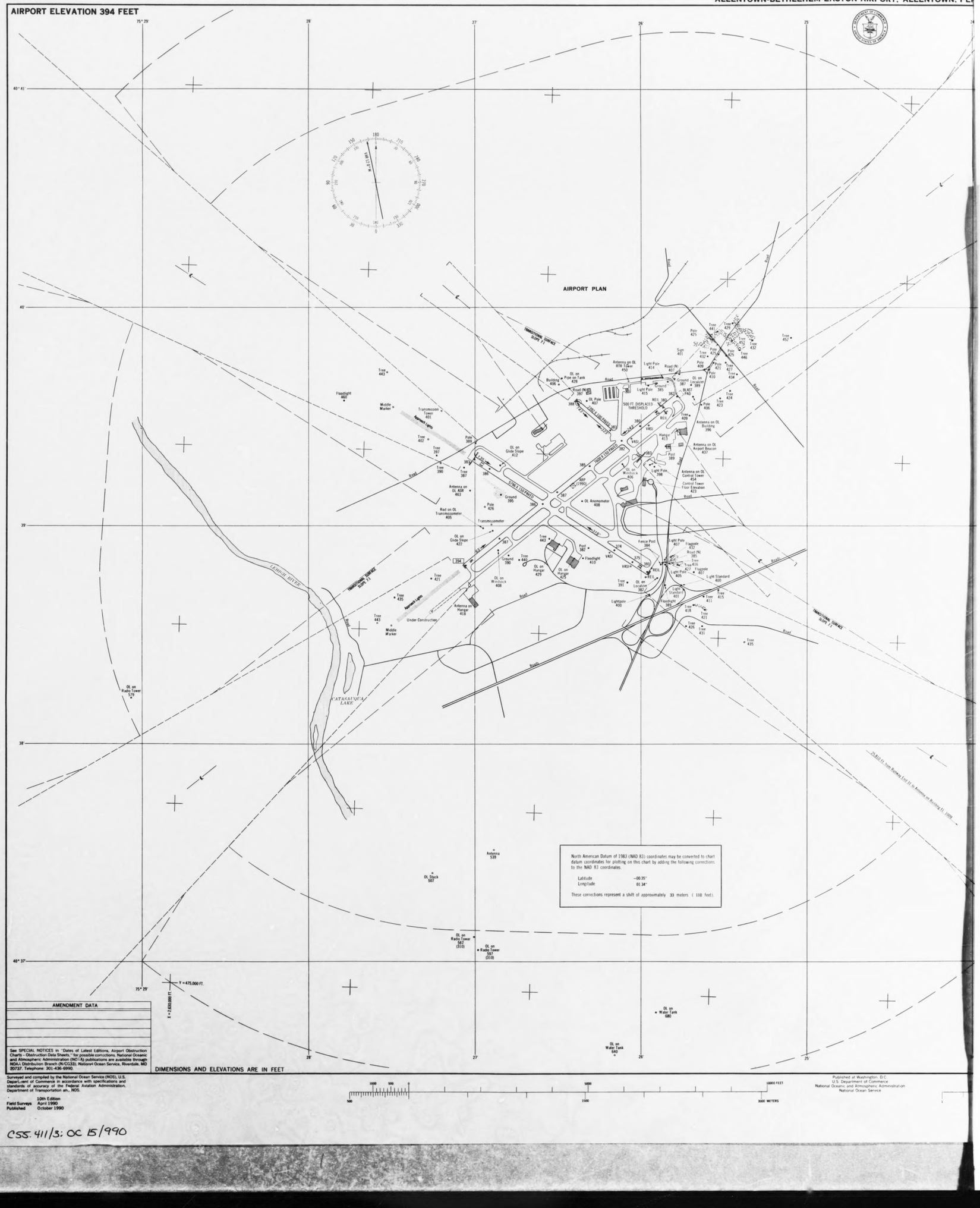
OC 15

AIRPORT OBSTRUCTION CHART
ALLENTOWN-BETHLEHEM-EASTON AIRPORT, ALLENTOWN, PE

AIRPORT ELEVATION 394 FEET


AIRPORT PLAN
75° 29'
40° 41'
40°
39'
38'
40° 37'
26'
27'
28'
25'
WESTERN
TRANSITIONAL SURFACE SLOPE 7:1
TRANSITIONAL SURFACE SLOPE 7:1
Road
Road (N)
Road (S)
Road (W)
Road (E)
Road (NE)
Road (NW)
Road (SE)
Road (SW)
Road (Loop)
Road (Ramp)
Road (Under Construction)
Road (Under Construction)
Road (Under Construction

PORT OBSTRUCTION CHART
HEM-EASTON AIRPORT, ALLENTOWN, PENNSYLVANIA

NATIONAL OCEAN SERVICE

RUNWAY PLANS AND PROFILES

OPERATIONAL DATA

	RNWY	RNWY
Take-off run available		
Take-off distance available		
Accelerate stop distance available		
Landing distance available		

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	RNWY	RNWY
Take-off run available		
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OPERATIONAL DATA

	RNWY	RNWY
Take-off run available		
Take-off distance available		
Accelerate stop distance available		
Landing distance available		

PROFILE SCALE
Horizontal ..... 1 inch equals 1000 feet
Vertical ..... 1 inch equals 100 feet

LEGEND

- Airport Reference Point (ARP)
- Official Airport Elevation
- With elevation - object does not penetrate specified or supplemental surface
- Without elevation - position only
- Object penetrates specified surface
- Wooded area penetrates specified surface
- Ground area penetrates specified surface
- Object penetrates supplemental surface only
- Wooded area penetrates supplemental surface only
- Ground area penetrates supplemental surface only
- Water
- Threshold lights
- S ..... Supplemental surface
- ( ) ..... Feet above ground level
- Road(I) ..... Interstate highway
- Road(N) ..... Noninterstate highway
- OL ..... Obstruction Light or Obstruction Lighted

SPECIAL NOTES

Fifteen feet added to noninterstate road elevations
Seventeen feet added to interstate road elevations
Twenty three feet added to railroad track elevations
Transitional surface slopes are 7:1 unless otherwise indicated
Obstructing area limits are approximate

AIRPORT OBSTRUCTION CHART

The Airport Obstruction Chart (OC) depicts Federal Aviation Regulations Part 77 (FAR 77) surfaces, airspace/runway objects that penetrate these surfaces, aircraft movement and approach areas, navigational aids, prominent airport buildings, and selected obstacles and other planimetric details in the airport vicinity. Also included are tabulations of runway and other operational data.

OC content, format, and accuracy conforms to the standards specified in FAR 77, "Objects Affecting Navigable Airspace" and FAA No. 405, "Specifications - Airport Obstruction Chart and Related Products."

HORIZONTAL SCALE 1:12,000
HORIZONTAL DATUM ..... North American Datum of 1927
VERTICAL DATUM ..... National Geodetic Vertical Datum of 1929
PROJECTION ..... Lambert Conformal Conic
GRID SYSTEM ..... Pennsylvania State Grid South Zone

OPERATIONAL DATA

AIRPORT LOCATION POINT ..... LAT 40° 39' ..... LONG 75° 26'
AIRPORT REFERENCE POINT ..... LAT 40° 39' 10.936" ..... LONG 75° 26' 24.515"

RUNWAY	LATITUDE	LONGITUDE	TDZE	*GEODETIC AZIMUTH
6	40° 38' 48.785"	75° 27' 01.622"	394	231° 15' 57"
24	40° 39' 35.763"	75° 25' 46.699"		51° 16' 47"
**24	40° 39' 32.679"	75° 25' 51.760"	386	
13	40° 39' 18.936"	75° 27' 00.870"	386	302° 59' 24"
31	40° 38' 47.145"	75° 25' 57.401"	364	123° 00' 05"
14	40° 39' 34.274"	75° 26' 23.459"		310° 57' 29"
32	40° 39' 18.782"	75° 26' 00.025"		130° 57' 44"

*Geodetic azimuth reckoned clockwise from south
**Displaced threshold

FEET METERS
VERTICAL SCALE

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National Oceanic and Atmospheric Administration
National Ocean Service

STATUTE MILES 1 ½ 0 1 MILE
NAUTICAL MILES 1 ½ 0 1 MILE

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ALLENTOWN, PENNSYLVANIA

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